



Diabetes Data Portal User Guide

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Diabetes Data Portal Overview

What is the Diabetes Data Portal?

The Diabetes Data Portal is a centralized location to manage patient data from multiple vendors and different pipelines associated with it.

This portal is part of the [Rising T1de Alliance](#)

The Rising T1DE Alliance was launched in 2020 to rapidly scale quality improvement efforts and innovation in Type 1 diabetes care. The goal of the Rising T1DE Alliance is simple: get in front of problems by predicting clinically important outcomes, evaluating and curating new interventional strategies to encourage individuals with diabetes toward better health, and creating a platform to drive rapid-cycle testing of novel behavioral, digital and care delivery interventions using implementation science.

This portal helps achieve the vision by collecting data from multiple vendors to analyze



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Available Vendors

The vendors currently supported are:

- Dexcom
 - Patient Registration
 - Pull Data from the API

- Glooko
 - Patient Registration
 - Pull Data from the API
 - Resolve MRN Discrepancies

- Tidepool
 - Currently Tidepool is not supported

- CareLink
 - Manual File Uploads
 - Resolve MRN Discrepancies

- Clarity
 - Manual File Uploads
 - Resolve MRN Discrepancies

- LibreView
 - Manual File Uploads
 - Resolve MRN Discrepancies

- TConnect
 - Manual File Uploads
 - Resolve MRN Discrepancies

- Garmin
 - Study Management
 - Patient Registration
 - Pull Data from the API



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- Fitbit
 - Study Management
 - Patient Registration
 - Pull Data from the API

Step-by-Step Instructions

The following sections provide step-by-step instructions with examples for geocoding addresses and obtaining additional spatial data.

Dexcom

Add a patient ID

Navigation: RISING TIDE ALLIANCE | Children's Mercy KANSAS CITY | Diabetes Data Portal | Patient Registration ▾ | Manual Upload | Admin | example@cmh.edu | Sign out

Manage Dexcom Patient Registration

123 Add

ID	Full Name	Date of Birth	Manual MRN	Matched with EMR	MRN Added By	Email	Connection Status	Last Data Sync	Actions
123									

DEXCOM
One Step Ahead

Click Connect

Navigation: RISING TIDE ALLIANCE | Children's Mercy KANSAS CITY | Diabetes Data Portal | Patient Registration ▾ | Manual Upload | Admin | mllewelyn@cmh.edu | Sign out

Patient Id - 123 added. ✕

Manage Dexcom Patient Registration

Enter Patient ID Add

ID	Full Name	Date of Birth	Manual MRN	Matched with EMR	MRN Added By	Email	Connection Status	Last Data Sync	Actions
123				No			Not Connected		Connect

DEXCOM
One Step Ahead

You will be redirected to the third-party site, which you will log in and grant consent for the third-party to send data to the portal. Click on Authorize, and you will be redirected back to the portal.

Glooko

The patient data will be loaded from the Glooko API to a backend CSV file

To view the PHI for a patient, click the Show PHI button



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Manage Glooko Patient Registration



Username	First Name	Last Name	Date of Birth	Most Recent Data	Participant Id	MRN	Matched with EMR	Manual MRN	MRN Added By	Manual MRN Notes	Actions
test123	Test	*****	*****	1/1/2021	1234	*****	Yes	*****			Show PHI
test_user2	Test	*****	*****		1	*****	No	*****	example@c mh.edu	Notes	Show PHI
test_user3	Test	*****	*****		1223	*****	No	*****			Show PHI

To manually modify the MRN, click the Modify button after showing the PHI

Note: if the MRN is matched with the EMR, then you will not be able to modify the MRN

Manage Glooko Patient Registration



Username	First Name	Last Name	Date of Birth	Most Recent Data	Participant Id	MRN	Matched with EMR	Manual MRN	MRN Added By	Manual MRN Notes	Actions
test123	Test	Testing	1/1/2020	1/1/2021	1234	123	Yes				
test_user2	Test	Testing2	1/1/2022		1		No	33334	example@c mh.edu	Notes	Modify
test_user3	Test	*****	*****		1223	*****	No	*****			Show PHI

Fill out the Mrn and Notes and click Modify

Modify Patient Mrn ✕

Test Testing2

Manual Mrn *

Match Notes

Close
Modify

Tidepool

Currently Tidepool is not supported



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CareLink

The patient data will be loaded from a backend CSV file
To view the PHI for a patient, click the Show PHI button

Manage CareLink Patient Registration

CARELINK

Username	First Name	Last Name	Date of Birth	Most Recent Data	Most Recent File	MRN	Matched with EMR	Manual MRN	MRN Added By	Manual MRN Notes	Actions
test123	Test	*****	*****	1/1/2022	asd.csv	*****	Yes	*****			Show PHI
test_user2	Test	*****	*****			*****	No	*****	example@c mh.edu	Notes	Show PHI
test_user3	Test	*****	*****			*****	No	*****			Show PHI

To manually modify the MRN, click the Modify button after showing the PHI

Note: if the MRN is matched with the EMR, then you will not be able to modify the MRN

Manage CareLink Patient Registration

CARELINK

Username	First Name	Last Name	Date of Birth	Most Recent Data	Most Recent File	MRN	Matched with EMR	Manual MRN	MRN Added By	Manual MRN Notes	Actions
test123	Test	Testing	1/1/2020	1/1/2022	asd.csv	123	Yes				
test_user2	Test	Testing2	1/1/2022				No	33334	example@c mh.edu	Notes	Modify
test_user3	Test	*****	*****			*****	No	*****			Show PHI

Fill out the Mrn and Notes and click Modify

Modify Patient Mrn ✕

Test Testing2

Manual Mrn *

Match Notes

Close
Modify



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Clarity

The patient data will be loaded from a backend CSV file
To view the PHI for a patient, click the Show PHI button

Manage Clarity Patient Registration



Username	First Name	Last Name	Date of Birth	Most Recent Data	Most Recent File	MRN	Matched with EMR	Manual MRN	MRN Added By	Manual MRN Notes	Actions
test123	Test	*****	*****	1/1/2023	asd.csv	*****	Yes	*****			Show PHI
test_user2	Test	*****	*****			*****	No	*****	example@c mh.edu	Notes	Show PHI
test_user3	Test	*****	*****			*****	No	*****			Show PHI

To manually modify the MRN, click the Modify button after showing the PHI

Note: if the MRN is matched with the EMR, then you will not be able to modify the MRN

Manage Clarity Patient Registration



Username	First Name	Last Name	Date of Birth	Most Recent Data	Most Recent File	MRN	Matched with EMR	Manual MRN	MRN Added By	Manual MRN Notes	Actions
test123	Test	Testing	1/1/2020	1/1/2023	asd.csv	123	Yes				
test_user2	Test	Testing2	1/1/2022				No	33334	example@c mh.edu	Notes	Modify
test_user3	Test	*****	*****			*****	No	*****			Show PHI

Fill out the Mrn and Notes and click Modify

Modify Patient Mrn ✕

Test Testing2

Manual Mrn *

Match Notes

Close
Modify



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LibreView

The patient data will be loaded from a backend CSV file
To view the PHI for a patient, click the Show PHI button

Manage LibreView Patient Registration



Username	First Name	Last Name	Date of Birth	Most Recent Data	Most Recent File	MRN	Matched with EMR	Manual MRN	MRN Added By	Manual MRN Notes	Actions
test123	Test	*****	*****	1/1/2024	asd.csv	*****	Yes	*****			Show PHI
test_user2	Test	*****	*****			*****	No	*****	example@c mh.edu	Notes	Show PHI
test_user3	Test	*****	*****			*****	No	*****			Show PHI

To manually modify the MRN, click the Modify button after showing the PHI

Note: if the MRN is matched with the EMR, then you will not be able to modify the MRN

Manage LibreView Patient Registration



Username	First Name	Last Name	Date of Birth	Most Recent Data	Most Recent File	MRN	Matched with EMR	Manual MRN	MRN Added By	Manual MRN Notes	Actions
test123	Test	Testing	1/1/2020	1/1/2024	asd.csv	123	Yes				
test_user2	Test	Testing2	1/1/2022				No	33334	example@c mh.edu	Notes	Modify
test_user3	Test	*****	*****			*****	No	*****			Show PHI

Fill out the Mrn and Notes and click Modify

Modify Patient Mrn ✕

Test Testing2

Manual Mrn *

Match Notes

Close Modify



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TConnect

The patient data will be loaded from a backend CSV file
To view the PHI for a patient, click the Show PHI button

Manage TConnect Patient Registration



Username	First Name	Last Name	Date of Birth	Most Recent Data	Most Recent File	MRN	Matched with EMR	Manual MRN	MRN Added By	Manual MRN Notes	Actions
test123	Test	*****	*****	1/1/2020	asd.csv	*****	Yes	*****			Show PHI
test_user2	Test	*****	*****			*****	No	*****	example@c mh.edu	Notes	Show PHI
test_user3	Test	*****	*****			*****	No	*****			Show PHI

To manually modify the MRN, click the Modify button after showing the PHI

Note: if the MRN is matched with the EMR, then you will not be able to modify the MRN

Manage TConnect Patient Registration



Username	First Name	Last Name	Date of Birth	Most Recent Data	Most Recent File	MRN	Matched with EMR	Manual MRN	MRN Added By	Manual MRN Notes	Actions
test123	Test	Testing	1/1/2020	1/1/2020	asd.csv	123	Yes				
test_user2	Test	Testing2	1/1/2022				No	33334	example@c mh.edu	Notes	Modify
test_user3	Test	*****	*****			*****	No	*****			Show PHI

Fill out the Mrn and Notes and click Modify

Modify Patient Mrn ✕

Test Testing2

Manual Mrn *

Match Notes

Close
Modify



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Garmin

Add a study by clicking Add Study. Fill out the Name, Consumer Key and Consumer Secret

Garmin Study ×

Study Name*

Consumer Key*

Consumer Secret*

Close Add

Select a study

Diabetes Data Portal
 Patient Registration ▾
Manual Upload
Admin
example@cmh.edu [Sign out](#)

Manage Garmin Participant Registration

▾ Add Study

- Please Select a Study
- TestStudy
- TestStudy2

Add a participant Id

Manage Garmin Participant Registration



▾ Update Study Add Study

Add

ID	Status	Actions
123		Add

Click Connect

Manage Garmin Participant Registration



▾ Update Study Add Study

Add

ID	Status	Actions
123	Not Connected	Connect



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You will be redirected to the third-party site, which you will log in and grant consent for the third-party to send data to the portal. Click on Save, and you will be redirected back to the portal.

connect

Children's Mercy
KANSAS CITY

Control the information you share.

You get to decide what information you share with Active KC, as well as what information Active KC shares with your Garmin Connect account. You can change these selections at any time in your Garmin Connect settings.

Data shared from Garmin Connect to the Active KC app

Activities

Daily Health Stats

[Active KC Privacy Policy](#)

Save

Cancel

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Privacy Policy

To disconnect the participant click Disconnect

Manage Garmin Participant Registration



TestStudy

Enter Participant ID

ID	Status	Actions
123	Connected	<input type="button" value="Disconnect"/>



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Fitbit

Add a study by clicking Add Study. Fill out the Name, Client Id, and Client Secret

Fitbit Study ×

Study Name*

Client Id*

Client Secret*

Close Add

Select a study

Diabetes Data Portal
 Patient Registration ▾
Manual Upload
Admin
example@cmh.edu Sign out

Manage Fitbit Participant Registration

▾ Add Study

- Please Select a Study
- TestStudy
- TetStudy2
- Testing

Add a participant Id

Manage Fitbit Participant Registration

▾ Update Study Add Study

Add

ID	Status	Actions

Click Connect

Manage Fitbit Participant Registration

▾ Update Study Add Study

Add

ID	Status	Actions
123	Not Connected	Connect



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You will be redirected to the third-party site, which you will log in and grant consent for the third-party to send data to the portal. Click on Allow, and you will be redirected back to the portal.



DDD Test by CMH would like the ability to access the following data in your account

- Allow All
 - cardio fitness
 - sleep
 - activity and exercise
 - breathing rate
 - temperature
 - heart rate
 - food and water logs ⓘ
 - oxygen saturation (SpO2)
 - weight ⓘ

If you allow only some of this data, DDD Test may not function as intended. Learn more about these permissions [here](#).

Deny Allow

The data you share with DDD Test will be governed by CMH's [Privacy Policy](#) and [Terms of Service](#). You can always see or remove access in your [account settings](#).

To disconnect the participant click Disconnect

Manage Fitbit Participant Registration



TestStudy Update Study Add Study

Enter Participant ID Add

ID	Status	Actions
123	Connected	Disconnect

Manual Uploads

Select the files you want to upload and the source

Manual Upload

Files Source

Choose Files 37 files CareLink Upload



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The progress will be shown in the Uploaded Files row

Manual Upload

Files 37 files

Source

Uploading

Uploaded Files

10 entries per page Search:

Source	Files	Uploaded Date	Uploaded By
carelink	9/37	7/18/2024 1:44 PM	example@cmh.edu

Once the upload is complete, it will display how many files were uploaded successfully

Manual Upload

Files No file chosen

Source

File Uploads

37 Files Uploaded - 0 Errors

Uploaded Files

10 entries per page Search:

Source	Files	Uploaded Date	Uploaded By
carelink	37	7/18/2024 1:44 PM	example@cmh.edu

If any errors are present, they will be displayed

File Uploads

0 Files Uploaded - 3 Errors

File Name	Errors
file1.csv	▶ 19 Errors
file2.csv	▶ 19 Errors
file3.csv	▶ 19 Errors